

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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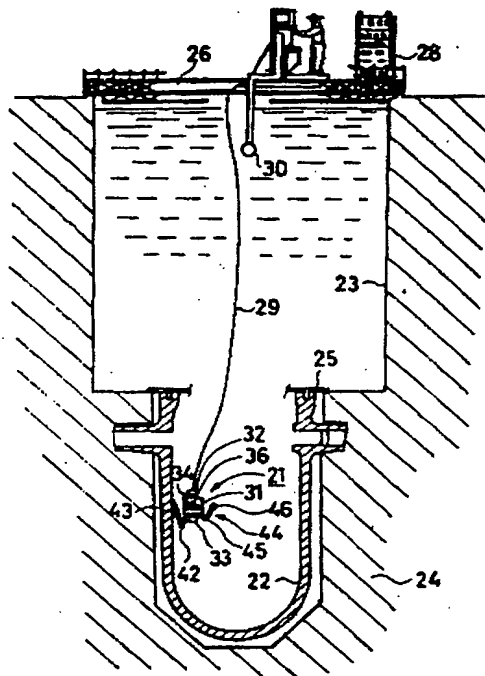
APPLICATION DATE : 26-03-84  
APPLICATION NUMBER : 59057757

APPLICANT : MITSUBISHI HEAVY IND LTD;

INVENTOR : OKINO AKIHISA;

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TITLE : UNDERWATER INSPECTING DEVICE



**ABSTRACT :** PURPOSE: To facilitate the control over the position and attitude of a diving device body and provision of a probe, by adding a screw for each direction to the diving device body.

CONSTITUTION: The underwater inspecting device 21 is drooped into water from a crane, etc., and then holds itself vertically constant in the water because its specific gravity is 1 and the device is positioned below the center of buoyance. Then, the underwater inspecting device 21 moves down in the water with a screw 36 and also moves right and left on a horizontal plane with screws 32 and 33 to generate a thrust to a desired position in a nuclear reactor pressurized container 22 and further in the opposite direction with a screw 34, so that the device is rotated. Then, the probe 43 is set at a desired flaw detection position by a manipulator 42 and a manipulator mechanism 44 for balancing after the device moves to a desired position on the internal wall of the container 22.

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